(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 18 August 2005 (18.08.2005)

PCT

(10) International Publication Number WO 2005/075322 A1

(51) International Patent Classification7:

B65D 88/12

(21) International Application Number:

PCT/KR2004/002300

(22) International Filing Date:

9 September 2004 (09.09.2004)

(25) Filing Language:

Korean

(26) Publication Language:

English

- (30) Priority Data: 10-2004-0007186 4 February 2004 (04.02.2004) KR
- (71) Applicant: CHUN, Byung-Jin [KR/KR]; 102-2006 Ssayong Apt., Jeongneoug-dong, Seongbuk-gu, Seoul 136-765 (KR).
- (74) Agents: GAM, Dong-Hoon et al.; No. 201, New Seoul Building, 828-8 Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

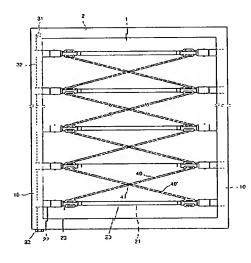
- (81) Designated States (unless otherwise indicated. for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

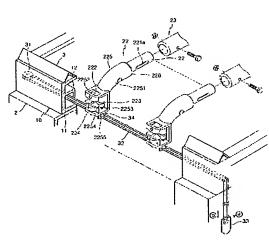
Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: APPARATUS FOR OPENING AND CLOSING ROOF OF CONTAINER





(57) Abstract: Disclosed is an apparatus for opening and closing a roof of a container for simply opening and closing a roof of a container using a sliding method without separating constitutional elements, and for opening and closing the roof by a small force. The apparatus comprises a pair of guide rails installed on top ends of both side walls of the container, respectively; cover supporting members disposed on the guide rails for supporting the cover, both ends of the cover supporting member being installed to be slid on the guide rails, respectively; sliding means for sliding the cover supporting member; and brace bars foldably connected to the cover supporting member for connecting the adjacent cover supporting members. The cover supporting member is slid along the guide rail to open and close the cover thereby.